

**GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT**

RSAD Department - Cloud Seeding Operations - Forwarding the Cloud seeding Operations Data to IITM, Pune for evaluation – Orders – Issued.

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**RAIN SHADOW AREAS DEVELOPMENT (RS. II) DEPARTMENT**

**G.O.Rt.No. 158**

**Dated: 11 -12-2008**

**ORDER:**

The Government of Andhra Pradesh is conducting Cloud Seeding Operations (India Megamadanam) with a view to mitigate water scarcity in the Rain Shadow Districts in a scientific manner to enhance the rain fall in the State from 2003 onwards. A great amount of data has been generated for Cloud Seeding Operations for last 5 years and in view of the experience, it is also decided by the Government that these operations shall be conducted on long term basis for the fourth coming five (5) years.

2. The State Government has been undertaking Cloud Seeding Operations for the last 4 years, necessary protocols laying down the process of selection of clouds, cloud condensation nuclei, seeding techniques and criteria for seedable days etc, have not been standardized. Because of this reason, the Government is unable to get proper response from the bidders for undertaking cloud seeding operations. Further, though a large amount of data has been generated over the years, the same has not been evaluated to know the impact of cloud seeding operations on the rainfall in the district where it is conducted. Moreover, with the experience for over 4 years, there is a need to develop a monitoring mechanism of implementation of the programme every year on day-to-day basis.

3. In view of the above, it is felt that there is a need for evaluation of the data generated in the last 4 years in conducting Cloud Seeding Operations by an Institute with an expertise in the Cloud Seeding Operations.

4. IITM, Pune is conducting research in cloud physics and whether modifications since 1973-74 and it has also been supporting and providing advisory services in weather modification to various State Governments including Uttar Pradesh, Haryana, Karnataka, Tamilnadu, Gujarat, Kerala, Maharastra, and Andhra Pradesh.

5. Evaluation of Cloud Seeding Programme of the last 4 years will throw light not only on performance of the programme but also may throw light on certain aspects of the Cloud Seeding Programme which will be useful for future planning of Cloud Seeding Project. Therefore, the Government after careful examination has decided to transfer the data on Cloud Seeding Operations for the last 4 years to IITM Pune, for evaluation.

6. The coordinator, Center for Atmospheric Sciences and Weather Modification Technologies (CAS&WMT), JNTU is directed to transfer the last 4 years Cloud Seeding Data to Indian Institute of Tropical Meteorology (IITM), Pune for evaluation, after completion of the International Conference scheduled to be conducted on 15-17 December, 2008 along with the recommendations of this conference.

7. The G.O. is also available on internet and can be accessed at the address <http://goir.ap.gov.in>.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADHESH)

**R.S. GOEL  
PRL. SECRETARY TO GOVERNMENT**

To  
The Prl. Secretary to Government, Agriculture Department.

(P.T.O)

The Prl. Secretary to Government, Finance (R&E) Department.  
The Prl. Secretary to Government, Revenue (DM) Department.  
**The Coordinator, CASWMT, JNTU, Kukatpally, Hyderabad.**

**Copy to:**

The Spl. Secretary to C M.  
The P.S. to Min. (AHS & RSAD)  
The P.S. to C.S. to Government.

// FORWADED :: BY ORDER //

SECTION OFFICER.